

# WWD-1-64 (Winwind)

## Main data

Rated power: 1000 kW  
Rotor diameter: 64 m  
Old model  
Class: IEC IIIb  
Offshore model: no  
Commissioning: 2001

## Rotor

Number of blades: 3  
Type: Pitch  
Swept area: 3217 m<sup>2</sup>  
Power density: 3.22 m<sup>2</sup>/kW  
Maximum speed: 25,6 rd/min

## Tower

Minimum hub height: 56 m  
Maximum hub height: 70 m

## Weights

## Gearbox

Gearbox: yes  
Stages: 2

## Wind speeds

Cut-in wind speed: 3,5 m/s  
Rated wind speed: 12 m/s  
Cut-off wind speed: 20 m/s

## Generator

Type: SYNC PM  
Number: 1  
Voltage: 690 V  
Manufacturer: ABB

